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UNTRY		USSR (Moscow Oblast)	DATE DISTR. 10 0	t. 1950
JBJECT		Aircraft Engine Plant No. 500 in Moscow-Tushino	NO. OF PAGES 4	
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	-	Tarabian dan melangnan menents	(5)	
	1.	Location: See reference reports.		
	1.	Layouts See Annex, sketch 1 (1)	• /	
	_	Layouts See Annex, sketch 1 (1) Machinery:	•	
	2.	Layouts See Annex, sketch 1 (1)	. quipped with ma-	
	2.	Layout: See Annex, sketch 1 (1) Machinery: The plant was almost completely e chinery dismantled at the Dessau	. quipped with ma-	
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	2° 3° 4°	Layout: See Annex, sketch 1 (1) Machinery: The plant was almost completely echinery dismantled at the Dessau Engine Plant. Management: Soviet engineers and Air Force of appeared in late 1947 short twaste engines were sunk in the power force: Three shifts, each with about 2,0200 Junkers engineers who worked	quipped with ma- Junkers Aircraft ficers. \ commission ime before about 100 and near the plant. 600 Soviets, and about in Department 1.] 25
STATE	2 o 3 o 5 o 6 o Collection	Layout: See Annex, sketch 1 (1) Machinery: The plant was almost completely echinery dismantled at the Dessau Engine Plant. Management: Soviet engineers and lir Torce of appeared in late 1947 short twaste engines were sunk in the powerk porce: Three shifts, each with about 2,0200 Junkers engineers who worked production: a. Until March 1948 a six-cylind could not explain why he called engine): length, about 1.2 meters	quipped with magnumers Aircraft ficers. A commission ime before about 100 and near the plant. 600 Soviets, and about in Department 1. der Diesel engine a diesel in the engine a Diesel in it height, about 75 cm;	

	Approved For Release 2 Approved Fig. 12 Approved For Release 2 Approved Fig. 12 Approved Fi	
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25X1	About five engines came to the test stand in each shift. A ratio was reduced from 80 to 40 percent.	
25X1	b. a 20-cylinder radial Diesel (?)	
25X1	engine, about 1 meter long and 80 cm in diameter unloaded (3). the engine, which did 12,000 revolutions per minute, had come from Dessau.	
25X1	heard only a high-pitched singing tone from the test stands, contrary to the observations made before (2) (4).	25X1
	7. Layout: See Annex, sketch 2.	
	8. Production:	
25X1	engines for jet fighters, (2).	
	9. German engineers were employed at the plant.	
25X1	(1) Comment: The attached layout sketch is in general agreement with previous reports.	
25X1	(2) Comment: The data on the production show grave errors in observation. According to previous information, a twelve-cylinder in-line engine and not a six-cylinder Diesel engine was produced in Moscow-Tushino.	
25X1	(3) Comment: As to the 20-cylinder radial Diesel engine,	
25X1	an experimental model of the 24-cylinder JUMO-224 engine which had four rows of six engines each and which had probably come from Dessau.	
25X1	(4) Comment: The correctness of the statement that jet engines were being tested at the test stands (para 6c) as early as the Summer of 1948 is doubted.	
25X1	(5)	
	Annex: Aircraft Engine Plant No 500 in Moscow-Tushino	

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Legend to Annex

Layout Sketches of Aircraft Ingine Plant No 500

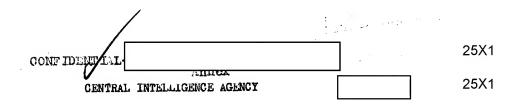
sketch 1

- Old foundry equipped with ten furnaces (gray castings)
- New foundry equipped with five furnaces (light metal) and three electric furnaces (steel), four small oil burning furnaces and four pattern kilns. The workshop was called Zavod 3.
- 3 Magazine
- 4 Tool magazine
- 5 No details available
- 5 Zavod 56. Machining of engine blocks and pistons. Fifty machine tools were seen in one of the two sections of the zavod.
- 7 No details available
- 8 Zayod 2. Machining of ongine parts
- 9 give test stands
- 11 2nvod 1. Assembly department. Five conveyor belts
- 12 Newly constructed sames to workshop 11. Annealing and hardening furneces were being set up.
- 13 Boiler house
- 14 Mewly constructed building



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- 15 Tool makers' shop
- 16 Loading ramp

sketch 2

- 1 Workshop 100x50 meters
 - a .luminum plant
 - b Manufacture of packing boxes
 - e py quarters
 - d Tractor repair shop
 - e Manufacture of packing boxes
- 2 Canal with a sluice regulating the water level; guarded by a neval sentry.
- 3 Underground fuel dump, 50x70 meters, surrounded by a barbed-wire fence and guarded by the factory police
- Boiler house, 30x50 meters with an about 40-meter smoke stack
- 5 Workshop, 400x150 meters
- 6 Old test stand, 50x30 meters
- 7 Storage sheds
- 8 Framework of a new test stand, 60x30 meters
- 8a Framework of a new workshop
- 9 Boiler house
- lo Coal dump
- 11 Jerap dump

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